

grateful citation report

R packages used

Package	Version	Citation
car	3.1.2	Fox and Weisberg (2019a)
caret	6.0.94	Kuhn and Max (2008)
data.table	1.15.4	Barrett et al. (2024)
devtools	2.4.5	Wickham et al. (2022)
doParallel	1.0.17	Corporation and Weston (2022)
effects	4.2.2	Fox (2003); Fox and Hong (2009); Fox and Weisberg (2018); Fox and Weisberg (2019b)
fixest	0.12.0	Bergé (2018)
gganimate	1.0.9	Pedersen and Robinson (2024)
ggeffects	1.5.2	Lüdecke (2018)
ggnewscale	0.4.10	Campitelli (2024)
ggspatial	1.1.9	Dunnington (2023)
gifski	1.12.0.2	Ooms, Kornel Lesiński, and Authors of the dependency Rust crates (2023)
grateful	0.2.4	Francisco Rodriguez-Sanchez and Connor P. Jackson (2023)
gtsummary	1.7.2	Sjoberg et al. (2021)
Hmisc	5.1.2	Harrell Jr (2024)
kableExtra	1.4.0	Zhu (2024)
nomisr	0.4.7	Odell (2018)
plyr	1.8.9	Wickham (2011)
ranger	0.16.0	Wright and Ziegler (2017)
raster	3.6.26	Hijmans (2023)
RColorBrewer	1.1.3	Neuwirth (2022)
RCurl	1.98.1.14	Temple Lang (2024a)
readODS	2.2.0	Schutten et al. (2024)
see	0.8.4	Lüdecke et al. (2021)
sf	1.0.16	Pebesma (2018); Pebesma and Bivand (2023)
snow	0.4.4	Tierney et al. (2021)
stringdist	0.9.12	van der Loo (2014)
tidyverse	2.0.0	Wickham et al. (2019)
transformr	0.1.5	Pedersen (2024)
XML	3.99.0.16.1	Temple Lang (2024b)
xtable	1.8.4	Dahl et al. (2019)
zoo	1.8.12	Zeileis and Grothendieck (2005)

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We used the following R packages: car v. 3.1.2 (Fox and Weisberg 2019a), caret v. 6.0.94 (Kuhn and Max 2008), data.table v. 1.15.4 (Barrett et al. 2024), devtools v. 2.4.5 (Wickham et al. 2022), doParallel v. 1.0.17 (Corporation and Weston 2022), effects v. 4.2.2 (Fox 2003; Fox and Hong 2009; Fox and Weisberg 2018, 2019b), fixest v. 0.12.0 (Bergé 2018), gganimate v. 1.0.9 (Pedersen and Robinson 2024), ggeffects v. 1.5.2 (Lüdecke 2018), ggnewscale v. 0.4.10 (Campitelli 2024), ggspatial v. 1.1.9 (Dunnington 2023), gifski

v. 1.12.0.2 (Ooms, Kornel Lesiński, and Authors of the dependency Rust crates 2023), grateful v. 0.2.4 (Francisco Rodriguez-Sanchez and Connor P. Jackson 2023), gtsummary v. 1.7.2 (Sjoberg et al. 2021), Hmisc v. 5.1.2 (Harrell Jr 2024), kableExtra v. 1.4.0 (Zhu 2024), nomisr v. 0.4.7 (Odell 2018), plyr v. 1.8.9 (Wickham 2011), ranger v. 0.16.0 (Wright and Ziegler 2017), raster v. 3.6.26 (Hijmans 2023), RColorBrewer v. 1.1.3 (Neuwirth 2022), RCurl v. 1.98.1.14 (Temple Lang 2024a), readODS v. 2.2.0 (Schutten et al. 2024), see v. 0.8.4 (Lüdecke et al. 2021), sf v. 1.0.16 (Pebesma 2018; Pebesma and Bivand 2023), snow v. 0.4.4 (Tierney et al. 2021), stringdist v. 0.9.12 (van der Loo 2014), tidyverse v. 2.0.0 (Wickham et al. 2019), transformr v. 0.1.5 (Pedersen 2024), XML v. 3.99.0.16.1 (Temple Lang 2024b), xtable v. 1.8.4 (Dahl et al. 2019), zoo v. 1.8.12 (Zeileis and Grothendieck 2005).

Package citations

- Barrett, Tyson, Matt Dowle, Arun Srinivasan, Jan Gorecki, Michael Chirico, and Toby Hocking. 2024. *data.table: Extension of “data.frame”*. <https://CRAN.R-project.org/package=data.table>.
- Bergé, Laurent. 2018. “Efficient Estimation of Maximum Likelihood Models with Multiple Fixed-Effects: The R Package FENmlm.” *CREA Discussion Papers*, no. 13.
- Campitelli, Elio. 2024. *ggnewscale: Multiple Fill and Colour Scales in “ggplot2”*. <https://CRAN.R-project.org/package=ggnewscale>.
- Corporation, Microsoft, and Steve Weston. 2022. *doParallel: Foreach Parallel Adaptor for the “parallel” Package*. <https://CRAN.R-project.org/package=doParallel>.
- Dahl, David B., David Scott, Charles Roosen, Arni Magnusson, and Jonathan Swinton. 2019. *xtable: Export Tables to LaTeX or HTML*. <https://CRAN.R-project.org/package=xtable>.
- Dunnington, Dewey. 2023. *ggspatial: Spatial Data Framework for Ggplot2*. <https://CRAN.R-project.org/package=ggspatial>.
- Fox, John. 2003. “Effect Displays in R for Generalised Linear Models.” *Journal of Statistical Software* 8 (15): 1–27. <https://doi.org/10.18637/jss.v008.i15>.
- Fox, John, and Jangnan Hong. 2009. “Effect Displays in R for Multinomial and Proportional-Odds Logit Models: Extensions to the effects Package.” *Journal of Statistical Software* 32 (1): 1–24. <https://doi.org/10.18637/jss.v032.i01>.
- Fox, John, and Sanford Weisberg. 2018. “Visualizing Fit and Lack of Fit in Complex Regression Models with Predictor Effect Plots and Partial Residuals.” *Journal of Statistical Software* 87 (9): 1–27. <https://doi.org/10.18637/jss.v087.i09>.
- . 2019a. *An R Companion to Applied Regression*. Third. Thousand Oaks CA: Sage. <https://socialsciences.mcmaster.ca/jfox/Books/Companion/>.
- . 2019b. *An r Companion to Applied Regression*. 3rd ed. Thousand Oaks CA: Sage. <https://socialsciences.mcmaster.ca/jfox/Books/Companion/index.html>.
- Francisco Rodriguez-Sanchez, and Connor P. Jackson. 2023. *grateful: Facilitate Citation of r Packages*. <https://pakillo.github.io/grateful/>.
- Harrell Jr, Frank E. 2024. *Hmisc: Harrell Miscellaneous*. <https://CRAN.R-project.org/package=Hmisc>.
- Hijmans, Robert J. 2023. *raster: Geographic Data Analysis and Modeling*. <https://CRAN.R-project.org/package=raster>.
- Kuhn, and Max. 2008. “Building Predictive Models in r Using the Caret Package.” *Journal of Statistical Software* 28 (5): 1–26. <https://doi.org/10.18637/jss.v028.i05>.
- Lüdecke, Daniel. 2018. “ggeffects: Tidy Data Frames of Marginal Effects from Regression Models.” *Journal of Open Source Software* 3 (26): 772. <https://doi.org/10.21105/joss.00772>.
- Lüdecke, Daniel, Indrajeet Patil, Mattan S. Ben-Shachar, Brenton M. Wiernik, Philip Waggoner, and Dominique Makowski. 2021. “see: An R Package for Visualizing Statistical Models.” *Journal of Open Source Software* 6 (64): 3393. <https://doi.org/10.21105/joss.03393>.
- Neuwirth, Erich. 2022. *RColorBrewer: ColorBrewer Palettes*. <https://CRAN.R-project.org/package=RColorBrewer>.
- Odell, Evan. 2018. “nomisr: Access Nomis UK Labour Market Data with r.” *The Journal of Open Source Software* 3 (27): 859. <https://doi.org/10.21105/joss.00859>.
- Ooms, Jeroen, Kornel Lesiński, and Authors of the dependency Rust crates. 2023. *gifski: Highest Quality GIF Encoder*. <https://CRAN.R-project.org/package=gifski>.
- Pebesma, Edzer. 2018. “Simple Features for R: Standardized Support for Spatial Vector Data.” *The R*

- Journal* 10 (1): 439–46. <https://doi.org/10.32614/RJ-2018-009>.
- Pebesma, Edzer, and Roger Bivand. 2023. *Spatial Data Science: With applications in R*. Chapman and Hall/CRC. <https://doi.org/10.1201/9780429459016>.
- Pedersen, Thomas Lin. 2024. *transformr: Polygon and Path Transformations*. <https://CRAN.R-project.org/package=transformr>.
- Pedersen, Thomas Lin, and David Robinson. 2024. *gganimate: A Grammar of Animated Graphics*. <https://CRAN.R-project.org/package=gganimate>.
- Schutten, Gerrit-Jan, Chung-hong Chan, Peter Brohan, Detlef Steuer, and Thomas J. Leeper. 2024. *readODS: Read and Write ODS Files*. <https://CRAN.R-project.org/package=readODS>.
- Sjoberg, Daniel D., Karissa Whiting, Michael Curry, Jessica A. Lavery, and Joseph Larmarange. 2021. “Reproducible Summary Tables with the Gtsummary Package.” *The R Journal* 13: 570–80. <https://doi.org/10.32614/RJ-2021-053>.
- Temple Lang, Duncan. 2024a. *RCurl: General Network (HTTP/FTP/...) Client Interface for r*. <https://CRAN.R-project.org/package=RCurl>.
- . 2024b. *XML: Tools for Parsing and Generating XML Within r and s-Plus*. <https://CRAN.R-project.org/package=XML>.
- Tierney, Luke, A. J. Rossini, Na Li, and H. Sevcikova. 2021. *snow: Simple Network of Workstations*. <https://CRAN.R-project.org/package=snow>.
- van der Loo, M. P. J. 2014. “The Stringdist Package for Approximate String Matching.” *The R Journal* 6: 111–22. <https://CRAN.R-project.org/package=stringdist>.
- Wickham, Hadley. 2011. “The Split-Apply-Combine Strategy for Data Analysis.” *Journal of Statistical Software* 40 (1): 1–29. <https://www.jstatsoft.org/v40/i01/>.
- Wickham, Hadley, Mara Averick, Jennifer Bryan, Winston Chang, Lucy D’Agostino McGowan, Romain François, Garrett Golemund, et al. 2019. “Welcome to the tidyverse.” *Journal of Open Source Software* 4 (43): 1686. <https://doi.org/10.21105/joss.01686>.
- Wickham, Hadley, Jim Hester, Winston Chang, and Jennifer Bryan. 2022. *devtools: Tools to Make Developing r Packages Easier*. <https://CRAN.R-project.org/package=devtools>.
- Wright, Marvin N., and Andreas Ziegler. 2017. “ranger: A Fast Implementation of Random Forests for High Dimensional Data in C++ and R.” *Journal of Statistical Software* 77 (1): 1–17. <https://doi.org/10.18637/jss.v077.i01>.
- Zeileis, Achim, and Gabor Grothendieck. 2005. “zoo: S3 Infrastructure for Regular and Irregular Time Series.” *Journal of Statistical Software* 14 (6): 1–27. <https://doi.org/10.18637/jss.v014.i06>.
- Zhu, Hao. 2024. *kableExtra: Construct Complex Table with “kable” and Pipe Syntax*. <https://CRAN.R-project.org/package=kableExtra>.